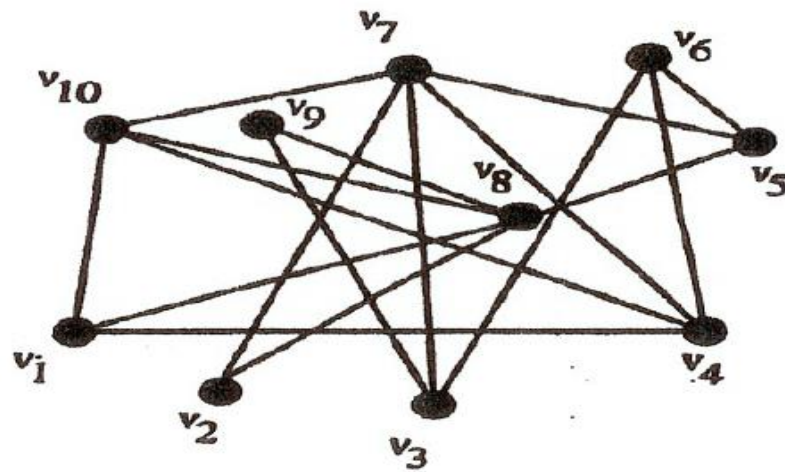


University of Windsor
Department of Electrical and Computer Engineering
ELEC 8590 Physical Design Automation for VLSI & FPGAs
Winter 2021

Homework Exercise #1, Due Tuesday Feb. 9, 2021

[1]

Partition the graph given below using the Kernighan-Lin algorithm.



[2]

Consider a tree with 8 nodes (shown below). Apply the Kernighan-Lin algorithm to this graph. As the initial partition let $A = \{a, b, c, d\}$ and $B = \{e, f, g, h\}$.

